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Product Datasheet

Baicalein, CAS [[491-67-8]]

FBM-10-2773

Article Name	Baicalein, CAS [[491-67-8]]
Biozol Catalog Number	FBM-10-2773
Supplier Catalog Number	10-2773
Alternative Catalog Number	FBM-10-2773-100MG, FBM-10-2773-500MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Inhibitor of protein tyrosine kinase in leukemia (CEM cells)...
Molecular Weight	270.24
Purity	98% by TLC, NMR (Conforms)
Form	Yellow or yellow-green solid
CAS Number	[491-67-8]
Formula	C15H10O5
Application Notes	Inhibitor of protein tyrosine kinase in leukemia (CEM) cells. Induces cell cycle arrest and apoptosis ¹ . Originally reported as a selective inhibitor of 12-lipoxygenase, baicalein has since been shown to inhibit both 12-LO and 15-LO (IC ₅₀ =0.64 µM for 12-LO and 1.6 µM for 15-LO) ² . Displays antiinflammatory activity and inhibits adjuvant-induced arthritis. Also inhibits prolyl oligopeptidase (IC ₅₀ =36 µM) ³ .